

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims, which replace all previous versions and listings of the claims.

1. (currently amended) A system comprising:
a controller generator that is ~~adapted~~configured to provide an application with a controller that receives requests for data from users and responds to the requests by obtaining requested data comprising a cookie; and
a cookie manager that is ~~adapted~~configured to prevent conflicting cookie values associated with ~~multiple actions invoking a particular~~the cookie by evaluating a plurality of cookie values associated with multiple actions invoking the cookie and selecting an appropriate one of the plurality of cookie values.
2. (currently amended) The system set forth in claim 1, wherein the controller is ~~adapted~~configured to instantiate the cookie manager before processing a user request.
3. (currently amended) The system set forth in claim 1, wherein the cookie manager is ~~adapted~~configured to add a cookie value for the particular cookie associated with a first action of the multiple actions.
4. (currently amended) The system set forth in claim 3, wherein the cookie manager is ~~adapted~~configured to update the cookie value for a second action of the multiple actions.
5. (currently amended) The system set forth in claim 1, wherein the cookie manager is ~~adapted~~configured to maintain a most recent value of multiple cookie values provided by the multiple actions for the particular cookie.
6. (currently amended) The system set forth in claim 1, wherein the cookie manager is ~~adapted~~configured to defer creation of a set cookie header until the controller is ready to commit a response for a user request.

7. (currently amended) The system set forth in claim 1, comprising a model and a view separate from one another and separate from the controller, wherein the model is ~~adapted to~~ provides an application state for the application and the view is ~~adapted to~~ provides a view presentation for the application.

8. (currently amended) A method comprising:
creating, with a processor-based device, a controller that receives requests for data from users and responds to the requests by obtaining requested data; and
providing a cookie manager that stores a ~~most recent value~~ plurality of a particular cookie values associated with a cookie invoked by ~~multiple actions~~ and that selects one of the plurality of cookie values based on the requests for data.

9. (original) The method set forth in claim 8, wherein providing the cookie manager comprises creating the cookie manager upon receipt of a user request by the controller.

10. (original) The method set forth in claim 9, wherein creating comprises maintaining a queue of cookies for a particular session of processing the user request.

11. (currently amended) The method set forth in claim 10, wherein maintaining comprises replacing a previous cookie value associated with a previous action with the most recent cookie value associated with a most recent action.

12. (original) The method set forth in claim 8, wherein providing the cookie manager comprises providing add cookie logic to cache a new cookie value for the particular cookie.

13. (currently amended) The method set forth in claim 8, wherein providing the cookie manager comprises providing commit cookie logic to commit the most recent cookie value ~~of the particular cookie~~ for a response to a user request.

14. (currently amended) A system comprising:
means for creating a controller that provides control functions for an application, wherein the controller being adapted is configured to receive requests for data from users and respond to the requests by obtaining requested data; and

means for managing multiple cookie actions to maintain a current value of a particular cookie by evaluating a plurality of cookie values associated with the particular cookie and selecting an appropriate one of the plurality of cookie values.

15. (currently amended) The system set forth in claim 14, wherein the means for managing comprises means for caching a cookie value for the particular cookie for the response to the user request.

16. (currently amended) The system set forth in claim 14, wherein the means for managing comprises means for committing the current value of the particular cookie for at the response to ~~a~~the user request.

17. (currently amended) A machine readable medium having a program for creating applications, comprising:

~~a machine readable medium;~~

a cookie manager stored on the machine readable medium and ~~adapted~~configured to provide a desired cookie value for a response to a user request, wherein the desired cookie value is one cookie value selected from ~~of~~ multiple cookie values set by different actions for a particular cookie.

18. (currently amended) The machine readable medium having the program set forth in claim 17, comprising controller logic stored on the machine readable medium and ~~adapted~~configured to receive requests for data from users and respond to the requests by obtaining requested data including data associated with the desired cookie value for the particular cookie.

19. (currently amended) The machine readable medium having the program set forth in claim 17, comprising action classes stored on the machine readable medium and ~~adapted~~configured to perform the different actions for processing the user request.

20. (currently amended) The machine readable medium having the program set forth in claim 17, wherein the cookie manager comprises add cookie logic to cache a new cookie value for the particular cookie.

21. (currently amended) The machine readable medium having the program set forth in claim 20, wherein cookie manager comprises commit cookie logic to commit the desired cookie value in a portion of the request.

22. (new) The method of claim 8, comprising preventing conflicting cookies by providing to the controller only the selected cookie value.